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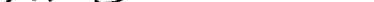


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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(Use as many sheets as necessary)</small>		Application Number 08/781,296	
		Filing Date	January 13, 1997
		First Named Inventor	John B. Harley
		Group Art Unit	1815
		Examiner Name	Mary K. Zemen
		Attorney Docket Number	OMRF 161
Sheet 1 of 20			

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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<p style="text-align: center;">(use as many sheets as necessary)</p> <p style="text-align: center;">JAN 21 1999</p> <p style="text-align: center;">P.M. & T. TRADEMAKET REC'D</p>		Filing Date	January 13, 1997
		First Named Inventor	John B. Harley
		Group Art Unit	1815
		Examiner Name	Mary K. Zemen
Sheet 2 of 20		Attorney Docket Number	OMRF 161

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cit and/or country where published	T ²
MKZ		Alexander, et al., "Anti-Ro/SS-A Antibodies in the Pathophysiology of Congenital Heart Block in Neonatal Lupus Syndrome, and Experimental Model," <u>Arth. And Rheum.</u> 35:176-189 (1992)	
MKZ		Banerjee, et al., "Complete Nucleotide Sequence of the mRNA Coding for the N Protein of Vesicular Stomatitis Virus (New Jersey Serotype)," <u>Virology</u> 137:432-438 (1984)	
		Barakat, et al., "IgG Antibodies From Patients with Primary Sjögren's Syndrome and Systemic Lupus Erythematosus Recognize Different Epitopes in 60-kD SSA/Ro Protein," <u>Clin. Exp. Immunol.</u> 89:38-45 (1992)	
MKZ		Barakat, et al., "Mapping of Epitopes on U1 snRNP Polypeptide A with Synthetic Peptides and Autoimmune Sear," <u>Clin. Exp. Immunol.</u> 86(1):71-78 (October, 1991)	
MKZ		Barakat, et al., "Recognition of Synthetic Peptides of Sm-D Autoantigen by Lupus Sera," <u>Clin. Exp. Immunol.</u> 81:256-262 (1990)	
		Ben Chetrit, et al., "Isolation and Characterization of a August 3, 1997 cDNA Encoding the 60-kD Component of the Human SS-A/Ro Ribonucleoprotein Autoantigen," <u>J. Clin. Inv.</u> 83:1284-1292	
MKZ		Blank, M., et al., "The Effect of the Immunomodulator Agent AS101 on Interleukin-2 Production in Systemic Lupus Erythematosus (SLE) Induced in Mice by Pathogenic Anti-DNA Antibody," <u>Clin. Exp. Immunol.</u> 79:443-447 (1990)	
MKZ		Blank, M., et al., "Induction of SLE-Like Disease in Naive Mice with a Monoclonal anti-DNA Antibody Derived from a Patient with Polymyositis carrying the 16/6 id," <u>J. Autoimmunity</u> 1:683-591 (1988)	
MKZ		Blank, M., et al., "Sex Hormone Involvement in the Induction of Experimental Systemic Lupus Erythematosus by a Pathogenic anti-DNA Idiotype in Naive Mice," <u>J. Rheumatol.</u> 17:311-317 (1990)	
MKZ		Blank, M., et al., "Induction of Experimental Anti-phospholipid Syndrome Associated with SLE Following Immunization with Human Monoclonal Pathogenic Anti-DNA Idiotype," <u>J. Autoimmunity</u> 5:495-509 (1992)	

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MKZ		Bray, et al., "Epstein-Barr Virus Infection and Antibody Synthesis in Patients With Multiple Sclerosis", <i>Arch. Neurology</i> , 40:406-408 (1983)	
MKZ		Bray, et al., "Antibodies Against Epstein-Barr Nuclear Antigen (EBNA) in Multiple Sclerosis CSF, and Two Pentapeptide Sequence Identities between EBNA and Myelin Basic Protein," <i>Arch. Neurol.</i> , (1992)	
MKZ		Buyon, "Neonatal Lupus Syndrome," <i>Curr. Opin. In Rheum.</i> 6:523-529 (1994)	
MKZ		Chambers, J. et al., "Genomic Structure and Amino Acid Sequence domains of the Human La Autoantigen," <i>J. Biol. Chem.</i> 263:18043-18051 (1988)	
		Chambers, J., et al., "Isolation and analysis of cDNA Clones Expressing Human Lupus La Antigen," <i>Proc. Natl. Acad. Sci. USA</i> 82:2115-2119 (1985)	
		Chan, E.K.L., et al., "Ribonucleoprotein SS-B/La belongs to a Protein Family with Consensus Sequences for RNA Binding," <i>Nucl. Acids Res.</i> 17:2233-2244 (1989)	
MKZ		Cohen, "The Self, the World and Autoimmunity," <i>Scientific American</i> 258:52-60 (1988)	
MKZ		Craft, et al., "Murine and Drosophila B Proteins of SM snRNPs," <i>Mol. Biol. Rep.</i> , 15:159 (1991)	
MKZ		Crone, e al., "Viral Transcription is Necessary and Sufficient for Vesicular Stomatitis Virus to Inhibit Maturation of Small Nuclear Ribonucleoproteins," <i>Journal of Virology</i> 63(10):4172-4180 (1989)	

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MKZ		Dalldorf, et al., "The Lymphomas of Brazilian Children", <u>J. Am. Med. Assn.</u> , 208:1365-8 (1969)	
MKZ		Deacon, et al., "Frequency of EBV DNA Detection in Sjogren's Syndrome", <u>Am J. Med.</u> , 92:453-454 (1992)	
MKZ		Deacon, et al., "Detection of Epstein-Barr Virus Antigens and DNA in Major and Minor Salivary Glands Using Immunocytochemistry and Polymerase Chain Reaction: Possible Relationship with Sjogren's Syndrome", <u>J. Pathol.</u> , 163:351-360 (1991)	
MKZ		DePolo, et al., "Continuing Coevolution of Virus and Defective Interfering Particles and of Viral Genome Sequences During Undiluted Passages: Virus Mutants Exhibiting Nearly Complete Resistance to Formerly Dominant Defective Interfering Particles," <u>J. of Virology</u> 61:454-464	
MKZ		Deutscher, et al., "Molecular Analysis of the 60-kDa Human Ro Ribonucleoprotein," <u>Proc. Natl. Acad. Sci. USA</u> 85:9479-83 (1988)	
MKZ		Bickey, "Human Autoantibody Producing Grafts in SCID Mice," presented to the Oklahoma Lupus Association, Inc., Sept. 1, 1989.	
MKZ		Dyrberg and Oldstone, "Peptides as Probes to Study Molecular Mimicry and Virus-Induced Autoimmunity," <u>Current Topics in Microbiology and Immunology</u> , 130:25-37 (1986)	
		Elkon, K., et al., "Epitope Mapping of Recombinant HeLa SmB and B' Peptides Obtained by the Polymerase Chain Reaction," <u>J. Immun.</u> 145:636-643 (1990)	
MKZ		Esquivel, et al., "Induction of Autoimmunity in Good and Poor Responder Mice with Mouse Thyroglobulin and Lipopolysaccharide," <u>J. Exp. Med.</u> , 145:1250-1263 (1977)	

Examiner's Signature MKZ Date Considered 3/2/99

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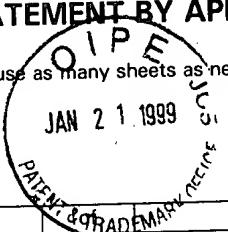
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MKZ		Evans, et al., "Raised Antibody Titres to E.B. Virus in Systemic Lupus Erythematosus", <u>Lancet</u> , 1:167-168 (1970)	
MKZ		Evans & Rothfield, "E.B. Virus and Other Viral Antibodies in Systemic Lupus Erythematosus", <u>Lancet</u> , 1:1127-1128 (1973)	
MKZ		Evans & Niederman, Epstein-Barr virus. In <u>Viral Infections in Humans</u> , 3rd ed. Evans, A.S. ed. pp 265-292 (Plenum, New York City 1989)	
MKZ		Evans, et al., "E.B.V. Antibodies in Systemic Lupus Erythematosus", <u>Lancet</u> , 325-324 (1973)	
MKZ		Ferris and Donaldson, <u>Veterinary Microbiology</u> 18(3-4):243-258 (1988)	
MKZ		Finerty, et al., "Protective Immunization Against Epstein-Barr Virus-Induced Disease in Cottontop Tamarins Using the Virus Envelope glycoprotein gp340 Produced from a Bovine Papillomavirus Expression Vector", <u>J. Gen. Virol.</u> , 73:449-453 (1992)	
MKZ		Finerty, et al., "Immunization of Cottontop Tamarins and Rabbits with a Candidate Vaccine Against the Epstein-Barr Virus Based on the Major Viral Envelope Glycoprotein gp340 and Alum," <u>Vaccine</u> , 12:1180-1184 (1994)	
MKZ		Fox, et al., "Potential Role of Epstein-Barr Virus in Sjogren's Syndrome and Rheumatoid Arthritis", <u>J. Rheumatol.</u> , 19:18-24 (1992)	
MKZ		Fox, "Sjogren's Syndrome", <u>Current Opin. Rheum.</u> , 7:409-416 (1995)	

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Sheet	6	TRADEMARK RECEIVED	20

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MKZ		Fricke, H., et al., "Induction of Experimental Systemic Lupus Erythematosus in Mice by Immunization with a Monoclonal Anti-La Autoantibody," <i>Intern. Immunol.</i> , 2:225-230 (1990)
MKZ		Fritz, et al., "Small Nuclear U-Ribonucleoproteins in <i>Xenopus Laevis</i> Development," <i>J. Mol. Biol.</i> 178:273-285 (1984)
MKZ		Gaither, et al., "Affinity Purification and Immunoassay of Anti-Ro/SSA" <i>Peptides Biol. Fluids</i> 33:413-416 (1985)
MKZ		Gaither, et al., "Implications of Anti-Ro/Sjogren's Syndrome a Antigen Autoantibody in Normal Sera for Autoimmunity", <i>J. Clin. Invest.</i> , 79:841-846 (1987)
MKZ		Gallione, et al., "Nucleotide Sequences of the mRNA's Encoding the Vesicular Stomatitis Virus N and NS Proteins," <i>Virology</i> 39:529-535 (1981)
MKZ		Gergely, et al., "E.B.V. Antibodies in Systemic Lupus Erythematosus", <i>Lancet</i> , 1:325-326 (1973)
MKZ		Geysen, et al., "Strategies for Epitope Analysis Using Peptide Synthesis,: <i>J. of Immunol. Meth.</i> , 102:259-274 (1987)
MKZ		Geysen, et al., "Use of Peptide Synthesis to Probe Viral Antigens for Epitopes to a Resolution of a Single Amino Acid," <i>Proc. Natl. Acad. Sci. USA</i> 81:3998-4002 (1984)
MKZ		Grabowski, et al., "Drosophila AP3, a Presumptive DNA Repair Protein, is Homologous to Human Ribosomal Associated Protein PO", <i>Nucleic Acids Research</i> , 19(15):4297 (1987)
MKZ		Gu, et al., <i>Dev. Biol. Stand.</i> , 84:171-177 (1995)

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MKZ		Gutierrez, et al., "Switching Viral Latency to Viral Lysis: A Novel Therapeutic Approach for Epstein-Barr Virus-Associated Neoplasia", <u>Cancer Res.</u> , 56:969-972 (1996)	
MKZ		Haahr, et al., "A Putative New Retrovirus Associated with Multiple Sclerosis and the Possible Involvement of Epstein-Barr Virus in This Disease", <u>Ann. N. Y. Acad. Sci.</u> , 724:148-156 (1996)	
MKZ		Hahn, "Suppression of Autoimmune Diseases with Anti-idiotypic Antibodies: Murine Lupus Nephritis as a Model" <u>Springer Seminars in Immunopathology</u> , 7(1):25-34 (1984)	
MKZ		Hardgrave, et al., "Antibodies to Vesicular Stomatitis Virus Proteins in Patients with Systemic Lupus Erythematosus and in Normal Subjects," <u>Arthritis and Rheumatism</u> , 36(7):962-970	
MKZ		Harley & Gaither, "Autoantibodies" <u>Rheum. Dis. Clin. N. Amer.</u> , 14:43-56 (1992)	
MKZ		Harley, et al., "Anti-Ro (SS-A) and Anti-La (SS-B) in Patients with Sjogren's Syndrome", <u>Arthritis Rheum.</u> , 29:196-206 (1986)	
MKZ		Harley & James, "Review Articles: Autoepitopes in Lupus", <u>J. Lab. Clin. Med.</u> , 126(6):509-516 (1995)	
MKZ		Harley, et al., "Gene Interaction at HLA-DQ Enhances Autoantibody Production in Primary Sjogren's Syndrome," <u>Science</u> 232:1145-1147 (1986)	
MKZ		Herbert, et al., <u>Dictionary of Immunology</u> 3rd Ed. Blackwell Scientific Publications Oxford UK page 14 91985	
MKZ		Heslop, et al., "Long-Term Restoration of Immunity Against Epstein-Barr Virus Infection by Adoptive Transfer of Gene-Modified Virus-Specific T Lymphocytes", <u>Nature Med.</u> , 2:551-555 (1996)	

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Sheet	8	Attorney Docket Number	OMRF 161

OTHER ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cit and/or country where published	T ²
MKZ		Hinterberger, "Isolation of Small Nuclear Ribonucleoproteins Containing U1, U2, U4, U5, and U6 RNAs", <u>Biol. Chem.</u> , 258:2604-2613 (1983)	
MKZ		Hollinger, et al., "Seroepidemiologic Studies in Systemic Lupus Erythematosus", <u>Bact. Proc.</u> , 131:174 (1970)	
MKZ		Horsfall, et al., "Ro and La Antigens and Maternal Anti-La Idiotype on the Surface of Myocardial Fibers in Congenital heart Block," <u>J. of Autoimmun.</u> 4:165-176 (1991)	
MKZ		Huang, et al., "Human Anti-Ro Autoantibodies Bind Peptides Accessible to the Surface of the Native Ro Autoantigen," <u>Scand. J. Immunol.</u> 41:220-228 (1995)	
MKZ		Huang, et al., "Immunization with Vesicular Stomatitis Virus Nucleocapsid Protein induces Autoantibodies to the 60 kD Ro Ribonucleoprotein Particle," <u>J. Investig. Med.</u> 43:151-158 (1995)	
MKZ		Hurd, et al., "Formation of Leukocyte Inclusions in Normal Polymorphonuclear Cells Incubated with Synovial Fluid", <u>Arthritis Rheum.</u> , 13:724-33 (1970)	
MKZ		Inoue, et al., "'Analysis of Antibody Titers to Epstein-Barr Virus Nuclear Antigens in Sera of Patients with Sjogren's Syndrome and with Rheumatoid Arthritis", <u>J. Infect. Dis.</u> , 164:22-28 (1991)	
MKZ		Ishii, et al., "Cycloheximide-Induced Apoptosis in Burkitt Lymphoma (BJA-B) Cells with and Without Epstein-Barr Virus Infection", <u>Immunol. Cell Biol.</u> , 73:463-468 (1995)	
MKZ		James, et al., "Basic Amino Acids Predominate in the Sequential Autoantigenic Determinants of the Small Nuclear 70K Ribonucleoprotein," <u>Scand. J. Immunol.</u> 39:557-566 (1994)	
MKZ		James, et al., "Immunoglobulin Epitope Spreading and Autoimmune Disease After Peptide Immunization: Sm B/B'-derived PPPGMRPP and PPPGIRGP Induce Spliceosome Autoimmunity", <u>J. Exp. Med.</u> , 181:453-461 (1995)	
MKZ		James, et al., "Inbred Mice Strains Differ in Their Capacity to Develop Spliceosomal Autoimmunity After Peptide Immunization", <u>Arthritis Rheum.</u> , 38:S226 (1995)	

Examiner's Signature	<i>MKZ</i>	Date Considered	<i>3/2/99</i>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	08/781,296
<i>O P E JAN 21 1999 PATENT & TRADEMARK OFFICE</i>		Filing Date	January 13, 1997
		First Named Inventor	John B. Harley
		Group Art Unit	1815
		Examiner Name	Mary K. Zemen
Sheet	9	Attorney Docket Number	OMRF 161

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MKZ		James & Harley, "Linear Epitope Mapping of an Sm B/B' Polypeptide", <u>J. Immunol.</u> , 148:2074-2079 (1992)
MKZ		James & Harley, "Human Lupus Anti-Spliceosome A Protein Autoantibodies Bind Contiguous Surface Structures and Segregate into Two Sequential Epitope Binding Patterns", <u>J. Immunol.</u> , 4018-4026 (1996)
MKZ		James, et al., "Lupus Humoral Autoimmunity After Short Peptide Immunization", <u>Arthritis Rheum.</u> , 39:S216 (1996)
MKZ		James & Harley, "Peptide Autoantigenicity of the Small Nuclear Ribonucleoprotein C", <u>Clin. And Exp. Rheum.</u> , 13:299-305 (1995)
MKZ		James, et al., "Sequential Autoantigenic Determinants of the Small Nuclear Ribonucleoprotein Sm D Shared by Human Lupus Autoantibodies and MRL lpr/lpr Antibodies", <u>Clin. Exp. Immunol.</u> , 98:419-426 (1994)
MKZ		James and Harley, "Sequential Fine Specificity of the Small Nuclear Ribonuclear Protein C", <u>Clinical Res.</u> , 41(2):PA393 (1993)
MKZ		Kalush, et al., "Neonatal Lupus Erythematosus with Cadian Involvement in Offspring of Mothers with Experimental Systemic Lupus Erythematosus", <u>J. of Clin. Immunol.</u> , 14:314-321 (1994)
MKZ		Karameris, et al., "Detection of the Epstein Barr Viral Genome by an <i>in situ</i> Hybridization Method in Salivary Gland Biopsies from Patients with Secondary Sjogren's Syndrome", <u>Clin. Exp. Rheum.</u> , 10:327-332 (1992)
MKZ		Kaufman, et al., "In Vivo Binding of Gram-Negative Bacterial Peptides to Hla-B27: A Possible Relationship to Ankylosing spondylitis Pathogenesis", <u>UCLA School of Medicine</u> (abstract)
MKZ		Kieff & Liebowitz, D.: Epstein-Barr virus and its replication. In <u>Virology</u> , 2nd ed. Fields et al., eds. pp 1889-1921 (Raven Press, New York 1990)

Examiner's Signature	<u>MKZ</u>	Date Considered	3/2/99
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<i>JAN 21 1999 PATENT & TRADEMARK OFFICE</i>		Filing Date	January 13, 1997
		First Named Inventor	John B. Harley
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MKZ		* Kitagawa, et al., "Detection of Antibodies to the Epstein-Barr Virus Nuclear Antigens in the Sera from Patients with Systemic Lupus Erythematosus," <u>Immunol. Lett.</u> , 17:249-252 (1988)	
MKZ		Klippel, et al., "Epstein-Barr Virus Antibody and Lymphocyte Tubuloreticular Structures in Systemic Lupus Erythematosus", <u>Lancet</u> , 2:1057-1058 (1973)	
MKZ		Kurilla, et al., "The Leader RNA of Vesicular Stomatitis Virus is Bound by a Cellular Protein Reactive with Anti-La Lupus Antibodies," <u>Cell</u> 34:837-845 (1983)	
MKZ		Kuzushima, et al., "Establishment of Anti-Epstein-Barr Virus (EBV) Cellular Immunity by Adoptive Transfer of Virus-Specific Cytotoxic T Lymphocytes from an HLA-matched Sibling to a Patient with Severe chronic Active EBV Infection", <u>Clin. Exp. Immunol.</u> , 103:192-298 (1996)	
MKZ		Larsen, et al., "Epstein-Barr Nuclear Antigen and Viral Capsid Antigen Antibody Titers in Multiple Sclerosis", <u>Neurology</u> , 35:435-438 (1985)	
MKZ		Lazarovots, et al., "Anti-B Cell Antibodies for the Treatment of Monoclonal Epstein-Barr Virus-Induced Lymphoproliferative Syndrome After Multivisceral Transplantation", <u>Clin. Invest. Med.</u> , 17:621-625 (1994)	
MKZ		Lerner & Steitz, "Antibodies to Small Nuclear RNAs Complexed with Proteins are Produced by Patients with Systemic Lupus Erythematosus", <u>Proc. Natl. Acad. Sci. USA</u> , 76:5495-5499 (1979)	
MKZ		Lee, et al., "Cardiac Immunoglobulin Deposition in Congenital heart Block Associated with Maternal Anti-Ro Autoantibodies," <u>Am. J. of Med.</u> 83:793-796 (1987)	
MKZ		Lee, et al., "The Recognition of Human 60-kDa Ro Ribonucleoprotein Particles by Antibodies Associated with Cutaneous Lupus and Neonatal Lupus", <u>J. Investigative Dermatology</u> , 107(1):225-228 (1996)	
MKZ		Leff, "Maverick Herpes Receptor Sparks Search for KS Drug", <u>Bio World Today</u> , 8(17):1 (1997)	
MKZ		Lehman, et al., "Spreading of T-Cell Autoimmunity to Cryptic Determinants of an Autoantigen," <u>Nature</u> 356:155-157 (1992)	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>		Application Number 08/781,296 Filing Date January 13, 1997 First Named Inventor John B. Harley Group Art Unit 1815 Examiner Name Mary K. Zemen Attorney Docket Number OMRF 161	
Sheet	11	TRADEMARK REGISTRATION	20

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MKB		Lerner, et al., "Are snRNPs Involved in Splicing?" <u>Nature</u> 283:220-224 (1980)	
MKB		Levitskaya, "Inhibition of Antigen Processing by the Internal Repeat Region of the Epstein-Barr Virus Nuclear Antigen-1", <u>Nature</u> , 375:685-688 (1995)	
MKB		Maddison, et al., "Quantitation of Precipitating Antibodies to Certain Soluble Nuclear Antigens in SLE," <u>Arthritis Rheum.</u> 20:819-824 (1977)	
MKB		Maitland, "Frequency of EBV-DNA Detection in Sjogren's Syndrome", <u>Am. J. Med.</u> , 96:97 (1994)	
MKB		Manfredi, et al., "Molecular Anatomy of an Autoantigen: T and B Epitopes on the Nicotinic Acetylcholine Receptor in Myasthenia Gravis," <u>J. Lab. Clin. Med.</u> 120:13-21 (1992)	
MKB		Mariette, et al., "Detection of Epstein-Barr Virus DNA by <i>in Situ</i> Hybridization and Polymerase Chain Reaction in Patients with Sjogren's Syndrome", <u>Am. J. Med.</u> , 90:286-294 (1991)	
MKB		Matter, et al., "Molecular Characterization of Ribonucleoprotein Antigens Bound by Antinuclear Antibodies," <u>Arthritis Rheum.</u> 25:1278-1283 (1982)	
MKE		Mattioli, et al. "Physical Association of Two Nuclear Antigens and Mutual Occurrence of Their Antibodies: The relationship of the SM and RNA protein (MO) Systems in SLE Sera," <u>J. Immunol.</u> 110:1318-1324 (1973)	
		McAllister, G., et al., "cDNA Sequence of the rat U snRNP-associated Protein N: Description of a Potential Sm Epitope," <u>EMBO Jour.</u> 8:1177-1181 (1989)	
MKL		Mendlovic, S., et al., "The Genetic Regulation of the Induction of Experimental SLE," <u>Immunology</u> 69:228-236 (1990)	
MKB		Mendlovic, S., et al., "The Role of Anti-Idiotypic Antibodies in the Induction of Experimental Systemic Lupus Erythematosus in Mice," <u>Eur. J. Immunol.</u> 19:729-732 (1989)	

Examiner's Signature MKB Date Considered 3/2/99

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>O</i> (use as many sheets as necessary) <i>JAN 21 1999</i> <i>PATENT & TRADEMARK OFFICE</i>		Application Number	08/781,296
Sheet	12	Filing Date	January 13, 1997
		First Named Inventor	John B. Harley
		Group Art Unit	1815
		Examiner Name	Mary K. Zemen
		Attorney Docket Number	OMRF 161

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<i>MKZ</i>		Mendlovic, S., et al., "Induction of an SLE-Like Disease in Mice by a Common Anti-DNA Idiotype," <i>Proc. Natl. Acad. Sci. USA</i> 85:2260-2264 (1988)	
<i>MKZ</i>		Miller, et al., "The Role of an Autoantigen, Histidyl-tRNA Synthetase, in the Induction and Maintenance of Autoimmunity," <i>Proc. Natl. Acad. Sci. USA</i> 87:9933-9937 (1990)	
		Miller, Epstein-Barr virus. pp. 1921-1958,	
<i>MKZ</i>		Miyashita, et al., "A Novel Form of Epstein-Barr Virus Latency in Normal B Cells In Vivo", <i>Cell</i> , 80:593-601 (1995)	
<i>MKZ</i>		* Morgan, "Epstein-Barr Virus Vaccines," <i>Vaccine</i> , 10:563-571 (1992).	
<i>MKZ</i>		* Morgan, et al., "Validation of a First-Generation Epstein-Barr Virus Vaccine Preparation Suitable for Human Use," <i>J. Med. Virol.</i> , 29:74-78 (1989)	
<i>MKZ</i>		Morland, et al., "Anti-idiotype and Immunosuppressant Treatment of Murine Lupus", <i>Clin. Exp. Immunol.</i> , 83(1):126-132 (1991)	
<i>MKZ</i>		Morshed, et al., "Increased Expression of Epstein-Barr Virus in Primary Biliary Cirrhosis Patients", <i>Gastroenterol. Jpn.</i> , 27:751-758 (1992)	
<i>MKZ</i>		Mosier, et al., <i>Nature</i> 335:256-259 (1988)	
<i>MKZ</i>		Munves, et al., "Antibodies to Sm and RNP," <i>Arthritis Rheum.</i> , 26: 848-853 (1983)	
<i>MKZ</i>		Newell & Stevens, "E.B. Virus Antibody in Systemic Lupus Erythematosus", <i>Lancet</i> , 1:652 (1971)	
Examiner's Signature	<i>MKZ</i>	Date Considered	3/2/99

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Application Number 08/781,296

Filing Date January 13, 1997

First Named Inventor John B. Harley

Group Art Unit 1815

Examiner Name Mary K. Zemen

Attorney Docket Number OMRF 161

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MKZ		Newkirk, et al., "Detection of Cytomegalovirus, Epstein-Barr Virus and Herpes Virus-6 in Patients with Rheumatoid Arthritis With or Without Sjogren's Syndrome", <u>Br. J. Rhuem.</u> , 33:317-322 (1994)	
MKZ		Ohosone, et al., "Molecular Cloning of cDNA Encoding Sm Autoantigen: Derivation of a cDNA for a B Polypeptide of the U Series of Small Nuclear Ribonucleoprotein Particles," <u>Proc. Natl. Acad. Sci. USA</u> 86:4249-4253 (1989)	
MKZ		Palfi, et al., "Purification of the Major UsnRNPs from Broad Bean Nuclear Extracts and Characterization of their Protein Constituents," <u>Nucleic Acids Res.</u> 17:1445-1458 (1989)	
MKZ		Petersen, et al., "Altered Immune Response to Glycine-Rich Sequences of Epstein-Barr Nuclear Antigen-1 in Patients with Rheumatoid Arthritis and Systemic Lupus Erythematosus", <u>Arthritis Rheum.</u> , 33: 993-1000 (1990)	
MKZ		Petterson, et al., "The Structure of Mammalian Small Nuclear Ribonucleoproteins", <u>J. Biol. Chem.</u> , 259:5907-5914 (1984)	
MKZ		Pflugfelder, et al., "Epstien-Barr Virus and the Lacrimal Gland Pathology of Sjogren's Syndrome", <u>Am. J. Pathol.</u> , 143:49-64 (1993)	
MKZ		Pflugfelder, et al., "Amplification of Epstein-Barr Virus Genomic Sequences in Blood Cells, Lacrimal Glands, and Tears from Primary Sjogren's Syndrome Patients", <u>Ophthalmology</u> , 97:976-984 (1990)	
MKZ		Phillips & Christian, "Myxovirus Antibody Increases in Human Connective Tissue Disease", <u>Science</u> , 168:982-4 (1970)	
MKZ		Phillips, et al., "Viruses and Systemic Lupus Erythematosus", <u>Lancet</u> , 1:1449 (1973)	
MKZ		Qualtiere & Pearson, "Radioimmune Precipitation Study Comparing the Epstein-Barr Virus Membrane Antigens Expressed on P3HR-1 Virus-Superinfected Raji Cells to those Expressed on Cells in a B-95 Virus-Transformed Producer Culture Activated with Tumor	
MKZ		Query, et al., "A Common RNA Recognition Motif Identified within a Defined U1 RNA Binding of the 70K U1 snRNP Protein," <u>Cell</u> 57:89-101 (1989)	

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Sheet	of	20	Attorney Docket Number
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MKB		Ravirajan & Staines, "Involvement in Lupus Disease of Idiotypes Id.F-423 and Id.IV-228 Defined, Respectively, Upon Foetal and Adult MRL/Mp-Ipr/Ipr DNA-binding Monoclonal Autoantibodies" <i>Immunology</i> , 74:342-347 (1991)	
MKB		Reichlin, et al., "Autoantibodies to the URNP Particles: Relationship to Clinical Diagnosis and Nephritis," <i>Clin. Exp. Immunol.</i> 83:286-290 (1991)	
MKB		Reichlin, et al., "Concentration of Autoantibodies to native 60-kd Ro/SS-A and Denatured 52-kd Ro/SS-A in Eluates from the Heart of a Child Who Died with Congenital Complete Heart Block," <i>Arth. And Rheum.</i> 37:1698-1703 (1994)	
MKB		Renz, M., et al., "Expression of the Major Human Ribonucleoprotein (RNP) Autoantigens in <i>Escherichia coli</i> and their Use in an EIA for Screening Sera from Patients with Autoimmune Diseases," <i>Clin. Chem.</i> 35:1861-1863 (1989)	
MKB		Reuter, et al., "Immunization of Mice with Purified U1 Small Nuclear Ribonucleoprotein (RNP) Induces a Pattern of Antibody Specificities Characteristic of the Anti-Sm and Anti-RNP Autoimmune Response of Patients with Lupus Erythematosus, As Measured by Monoclonal Antibodies," <i>PNAS</i> 83:8689-8693 (1986)	
MKB		Rhodes, et al., "Autoantibodies in Infectious Mononucleosis Have Specificity for the Glycine-Alanine Repeating Region of the Epstein-Barr Virus Nuclear Antigen", <i>J. Exp. Med.</i> , 165:1026-1040 (1987)	
MKB		Rokeach, et al., "Molecular Cloning of a cDNA Encoding the Human Sm-D Autoantigen," <i>Proc. Natl. Acad. Sci. USA</i> 85:4832-36 (1988)	
MKB		Rokeach, et al., "Primary Structure of a Human Small Nuclear Ribonucleoprotein Polypeptide as Deduced by cDNA Analysis", <i>J. Biol. Chem.</i> , 264:5024-30 (1989)	
MKB		Rose, et al., "T-Cell Regulation in Autoimmune Thyroiditis," <i>Immunol. Reviews</i> 55:229-314 (1981)	
MKB		Rose, et al., "Genetic Regulation in Autoimmune Thyroiditis," Talal N. ed. <i>Autoimmunology Genetic Immunologic Virologic, and Clinical Aspects</i> . New York: Academic Press, 63-87 (1977)	
MKB		Rose, et al., "Studies on Experimental Thyroiditis," <i>Ann. NY Acad. Sci.</i> 124:201-108 (1965)	

Examiner's Signature	<i>MKB</i>	Date Considered	3/2/99
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Sheet	15	of	20
		Attorney Docket Number	
		08/781,296	
		Filing Date	January 13, 1997
		First Named Inventor	John B. Harley
		Group Art Unit	1815
		Examiner Name	Mary K. Zemen

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cit and/or country where published
MKZ		Sabbatini, et al., "Autoantibodies from Patients with Systemic Lupus Erythematosus Bind a Shared Sequence of SmD and Epstein-Barr Virus-Encoded Nuclear Antigen EBNA I", <u>Eur. J. Immunol.</u> , 23:1146-1152 (1993)
MKZ		Saito, et al., "Detection of Epstein-Barr Virus DNA by Polymerase Chain Reaction in Blood and Tissue Biopsies from Patients with Sjogren's Syndrome", <u>J. Exp. Med.</u> , 169:2191-2198 (1989)
MKZ		Sasaki, et al., "In Vitro Manipulation of Human Anti-DNA Antibody Production by Anti-idiotypic Antibodies Conjugated with Neocarzinostatin", <u>The Journal of Immunology</u> , 142(4):1159-1165 (1989)
MKZ		Schaack, "Molecular Mimicry in HLA-B-27-Related Arthritis," <u>Annals of Internal Medicine</u> , 111(7):581-591 (October 1, 1989)
MKZ		Schmauss, et al., "A Comparison of snRNP-Associated Sm-Autoantigens: Human N, Rat N and Human B/B (abstract)", <u>Nuc. Acid Res.</u> , 17:1733-43 (1989)
MKZ		Scofield, et al., "Autoantigenicity of Ro/SSA Antigen is Related to a Nucleocapsid Protein of Vesicular Stomatitis Virus", <u>Proc. Natl. Acad. Sci. USA</u> , 88:3343-3347 (1991)
MKZ		Scofield, R., "A Common Autoepitope Near the carboxyl Terminus of the 60-kD Ro Ribonucleoprotein: Sequence Similarity with a Viral Protein," <u>Journal of Clinical Immunology</u> 11(6):378-388 (1991)
MKZ		Scofield, et al., "The Autoantigenicity of Human 60kD Ro/SSA is Related to Hormologies Between Ro/SSA and the Nucleocapsid Protein of Vesicular Stomatitis Virus," <u>Clinical Research</u> , 38(2):316A, (1990)
MKZ		Scofield, et al., "Development of the Anti-Ro Autoantibody Response in a Patient with Systemic Lupus Erythematosus", <u>Arthritis & Rheumatism</u> , 39(10):1664-1688 (1996)
MKZ		Scofield, et al., "Immunization with Short Peptides from the Sequence of the Systemic Lupus Erythematosus-Associated 60-kDa Ro Autoantigen Results in Anti-Ro Ribonucleoprotein Autoimmunity", <u>J. Immunology</u> , 4059-4066 (1996)

Examiner's Signature		Date Considered	3/2/98
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Sheet	16	Filing Date	January 13, 1997
	20	First Named Inventor	John B. Harley
		Group Art Unit	1815
		Examiner Name	Mary K. Zemen
		Attorney Docket Number	OMRF 161

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cit and/or country where published	T ²
MKZ		Scofield, "Autoimmune Thyroid Disease in Systemic Lupus Erythematosus and Sjogren's Syndrome", <i>Clin. Exp. Rheum.</i> , 14:321-330 (1996)	
MKZ		Scofield, "HLA-B27 Binding of Peptide From Its Own Sequence and Similar Peptides From Bacteria: Implications For Spondyloarthropathies", <i>Lancet</i> , 345:1542-1544 (1995)	
MKZ		Sculley, et al., "Reactions of Sera from Patients with Rheumatoid Arthritis, Systemic Lupus Erythematosus and Infectious Mononucleosis to Epstein-Barr Virus-Induced Polypeptides", <i>J. Gen. Virol.</i> , 67:2253-2258 (1986)	
		Sharpe, et al., "Isolation of cDNA Clones Encoding the Human Sm B/B' Auto-Immune Antigen and Specifically Reacting with Human Anti-Sm Auto-", <i>FEBS Lett.</i> , 250:585-590 (1989)	
MKZ		Shoenfeld, et al, "Modulation of Experimental SLE Induced in Naive Mice by a Pathogenic Anti-DNA Idiotype (16/6 id)," <i>Proceedings of the Second International Conference on Systemic Lupus Erythematosus</i> Tokyo, Japan Professional Postgraduate Services 83 (1989)	
MKZ		Shoenfeld, et al, "Pathogenic Idiotypes of Autoantibodies in Autoimmunity: Lessons from New Experimental Models of SLE," <i>FASEB J.</i> 4:2646-2651 (1990)	
MKZ		Sillikens, et al., "Human U1 snRNP-specific C Protein: Complete cDNA and Protein Sequence and Identification of a Multigene Family in Mammals," <i>Nucleic Acids Res.</i> 16:8307-21 (1988)	
MKZ		Sillikens, P., et al, "cDNA Cloning of the Human U1 snRNA-Associated A Protein: Extensive Homology Between U1 and U2 snRNP-Specific Proteins," <i>EMBO Journal</i> 6:3841-3848 (1987)	
MKZ		Singh, et al., "Decreased Incidence of Viral Infections in Liver Transplant Recipients - Possible Effects of FK506?", <i>Digestive Dis. Sci.</i> , 39:15-18 (1994)	
MKZ		Spritz, et al, "The Human U1-70K s.n. RNP Protein: cDNA Cloning, Chromosomal Localization, Expression, Alternative Splicing and RNA-binding," <i>Nucleic Acid Res.</i> 15:10373-91 (1987)	
		Sturges, A., et al., "Characteristics and Epitope Mapping of a Cloned Human Autoantigen La," <i>J. Immun.</i> 3212-3218 (1988)	

Examiner's Signature *MKZ* Date Considered *3/21/99*

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(use as many sheets as necessary)		Filing Date	January 13, 1997
JAN 21 1999 PATENT & TRADEMARK OFFICE		First Named Inventor	John B. Harley
Sheet 17 of 20		Group Art Unit	1815
		Examiner Name	Mary K. Zemen
		Attorney Docket Number	OMRF 161

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MKZ		Sumaya, et al., "Increased Prevalence and Titer of Epstein-Barr Virus Antibodies in Patients with Multiple Sclerosis", <u>Ann. Neurol.</u> , 17:371-377 (1985)	
MKZ		Suzuki, et al., "Viral Interleukin 10 (IL-10), the Human Herpes Virus 4 Cellular IL-10 Homologue, Induces Local Anergy to Allogeneic and Syngeneic Tumors", <u>J. Exp. Med.</u> , 182:477-486 (1995)	
MKZ		Takeda, Y., et al., "Antigenic Domains on the U1 Small Nuclear Ribonucleoprotein-associated 70kD Polypeptide; a comparison of regions selectively recognized by Human and Mouse Autoantibodies and by Monoclonal Antibodies," <u>Chem. Abstracts</u> 116(1): ab. No. 4803a (January 6, 1992)	
MKZ		Tan, et al., "The 1982 Revised Criteria for the Classification of Systemic Lupus Erythematosus", <u>Arthritis Rheum.</u> , 25:1271-1277 (1982)	
MKZ		Tan, et al., "Characteristics of a Soluble Nuclear Antigen Precipitating with Sera of Patients with Systemic Lupus Erythematosus," <u>J. Immunol.</u> , 96:464-471 (1966)	
MKZ		Tateishi, et al., "Spontaneous Production of Epstein-Barr Virus by B Lymphoblastoid Cell Lines Obtained from Patients with Sjogren's Syndrome", <u>Arthritis Rheum.</u> , 36:827-835 (1993)	
MKZ		Theissen, et al., "Cloning of the Human cDNA for the U1 RNA-associated 70K Protein," <u>EMBO J.</u> 5:3209-17 (1986)	
MKZ		Tigbe, Production of Human Rheumatoid Factors (RF) by SCID Mice Transplanted with Synovial Membrane Lymphocytes, presented at the Arthritis Foundation Fellows Conference, Amelia Island, Plantation, Florida, December 8-10 (1989)	
MKZ		Tincani, et al., "Induction of Experimental SLE in Naive Mice by Immunization with Human Polyclonal anti-DNA Antibody Carrying the 16/6 Idiotype," <u>Clinical and Exp. Rheum.</u> 11:129-134 (1993)	
MKZ		Toda, et al., Sjogren's syndrome (SS) and Epstein-Barr virus (EBV) reactivation. In Lacrimal Gland, Tear Film, and Dry Eye Syndrome. D.A. Sullivan, ed. pp 647-650 (Plenum Press, New York 1994)	
MKZ		Tsai, et al., "Detection of Epstein-Barr Virus and Cytomegalovirus Genome in White Blood Cells from Patients with Juvenile Rheumatoid Arthritis and Childhood Systemic Lupus Erythematosus", <u>Int. Arch. Allergy Immunol.</u> , 106:235-240 (1995)	

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Sheet	18	Filing Date	January 13, 1997
	20	First Named Inventor	John B. Harley
		Group Art Unit	1815
		Examiner Name	Mary K. Zemen
		Attorney Docket Number	OMRF 161

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MKZ		Tsuzuka, et al., "Lupus Autoantibodies to Double-stranded DNA Cross-react with Ribosomal Protein S1 ^{1,2} " <i>Arthritis & Rheumatism</i> , 38(9):abstract 726 (1995)	
MKZ		Tzartos, et al., "The Main Immunogenic region of the Acetylcholine Receptor. Structure and Role in Myasthenia Gravis," <i>Autoimmunity</i> 8:259-270 (1991)	
MKZ		van Dam, et al., "Cloned Human snRNP Proteins B and B' Differ Only in Their Carboxy-Terminal Part", <i>EMBO J.</i> , 8(12):3853-3860 (1989)	
MKZ		Van Venrooij, et al., "B Cell Epitopes on Nuclear Autoantigens," <i>Arthritis and Rheumatism</i> 37(5):608-616 (1994)	
MKZ		Venables, et al., "Persistence of Epstein-Barr Virus in Salivary Gland Biopsies from Healthy Individuals and Patients with Sjogren's Syndrome", <i>Clin. Exp. Immunol.</i> , 75:359-364 (1989)	
MKZ		Venables, et al., "The Response to Epstein-Barr Virus Infection in Sjogren's Syndrome", <i>J. Autoimmunity</i> , 2:439-448 (1989)	
MKZ		Virji and Heckels, "Location of a Blocking Epitope on Outer-membrane Protein III of Neisseria Gonorrhoeae by Synthetic Peptide Analysis," <i>J. of Gen. Microbiol.</i> 135:1895-1899 (1989)	
MKZ		Voller and Bidwell, "Enzyme-Linked Immunosorbent Assay," Manual of Clinical Laboratory Immunology (Chapter 17) (1986)	
MKZ		Wait, K., et al., "Anti-Jo-1 antibodies are Directed at an Evolutionarily-conserved Conformational Site on Human Histidyl-tRNA Synthetase," <i>Mol. Cell Biol. Autoimm.</i> 100:101 (1989)	
MKZ		Wagstaff, et al., <i>Drugs</i> , 47:153-205 (1994)	
MKZ		Waltuck and Buyon, "autoantibody-associated Congenital Heart Block: Outcome in Mothers and Children," <i>Ann. Intern. Med.</i> 120:544-551 (1994)	

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MKZ		Warner & Carp, "Multiple Sclerosis Etiology - an Epstein-Barr Virus Hypothesis", <u>Med. Hypotheses</u> , 25:93-97 (1988)
MKZ		Watson, et al., "Certain Properties Make Substances Antigenic," in Molecular Biology of the Gene, Fourth Edition, page 836, paragraph 3, (The Benjamin/Cummings Publishing Company, Menlo Park, 1987)
MKG		Whittingham, et al., "Epstein-Barr Virus as an Etiological Agent in Primary Sjogren's Syndrome", <u>Med. Hypothesis</u> , 22:373-386 (1987)
MKZ		Williams, et al., "A Repeated Proline-rich Sequence in Sm B/B' and N is a Dominant Epitope Recognized by Human and Murine Autoantibodies," <u>J. Autoimmunity</u> 3:715-725 (1990)
MKZ		Wilson, et al., "Association of Lymphomatoid Granulomatosis With Epstein-Barr Viral Infection of B Lymphocytes and Response to Interferon- α 2b", <u>Blood</u> , 87:4531-4537 (1996)
MKB		Winfield, et al., "Serologic Studies in patients with Systemic Lupus Erythematosus and Central Nervous System Dysfunction," <u>Arthritis Rheum.</u> 21:289-294 (1978)
MKE		Witebsky, et al., "Chronic Thyroiditis and Autoimmunization," <u>J. Am. Med. Assoc.</u> , 164:1439-1447 (1957)
MKB		Xie & Snyder, "Two Short Autoepitopes on the Nuclear Dot Antigen Are Similar to Epitopes Encoded by the Epstein-Barr Virus", <u>Proc. Natl. Acad. Sci.</u> , 92:1639-1643 (1995)
		Yamamoto, K. et al., "Isolation and Characterization of a Complementary DNA Expressing Human U1 Small Nuclear Ribonucleoprotein C Polypeptide," <u>J. Immun.</u> 140:311-317 (1988)
MKG		Yokochi, et al., "High Titer of Antibody to the Epstein-Barr Virus Membrane Antigen in Sera from Patients with Rheumatoid Arthritis and Systemic Lupus Erythematosus", <u>J. Rheumatol.</u> , 16:1029-1032 (1989)
MKG		Zeller, et al., "Nucleocytoplasmic Distribution of snRNPs and Stockpiled snRNA-Binding Proteins During Oogenesis and Early Development in Xenopus laevis," <u>Cell</u> 32:425-434 (1983)

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(Use as many sheets as necessary)		Filing Date	January 13, 1997
JAN 21 1999		First Named Inventor	John B. Harley
		Group Art Unit	1815
		Examiner Name	Mary K. Zemen
		Attorney Docket Number	OMRF 161
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Sheet 1 of 1

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<i>VMC</i>		Rhodes, et al. "Human Immune responses to Synthetic Peptides from the Epstein-Barr Nuclear Antigen," <i>J. Immunol.</i> 134: 211-216 (1985).	90 HC-9 AM 8:00 GROUP 130

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